

Applicant : Lars Hellman  
Serial No. : 09/401,636  
Filed : September 22, 1999  
Page : 2

Attorney's Docket No.: 10223-006001

6. (Amended) The immunogenic polypeptide of claim 5, wherein said first region comprises said CH2 domain of IgE.

7. (Amended) The immunogenic polypeptide of claim 5, wherein said second region comprises said CH4 domain of IgE.

25. (Amended) An immunogenic polypeptide, comprising a self IgE domain and a non-self IgE domain, wherein said immunogenic polypeptide is effective to induce an anti-self IgE response in a mammal, wherein said self IgE domain is a CH3 domain of IgE, and wherein said immunogenic polypeptide lacks a CH1 domain of IgE.

27. (Amended) The immunogenic polypeptide of claim 26, wherein said non-self IgE domain comprises an IgE domain present in a non-placental mammal.

30. (Amended) The immunogenic polypeptide of claim 25, wherein said non-self IgE domain is a CH2 domain of IgE.

31. (Amended) The immunogenic polypeptide of claim 25, wherein said non-self IgE domain is a CH4 domain of IgE.

32. (Amended) The immunogenic polypeptide of claim 25, wherein said non-self IgE domain is a CH2 domain of IgE, wherein said polypeptide further comprises a CH4 domain of IgE, said self IgE domain being located between said CH2 domain of IgE and said CH4 domain of IgE.

33. (Amended) An immunogenic polypeptide, comprising a self IgE portion and a non-self IgE domain, wherein said immunogenic polypeptide is effective to induce an anti-self IgE response in a mammal, wherein said self IgE portion comprises an N-terminal portion of a CH3 domain of IgE, and wherein said N-terminal portion is amino acid number 117 through 178 of Figure 2a.

Applicant : Lars Hellman  
Serial No. : 09/401,636  
Filed : September 22, 1999  
Page : 3

Attorney's Docket No.: 10223-006001

35. (Amended) The immunogenic polypeptide of claim 34, wherein said non-self IgE domain comprises an IgE domain present in a non-placental mammal.

38. (Amended) The immunogenic polypeptide of claim 33, wherein said non-self IgE domain is a CH2 domain of IgE.

39. (Amended) The immunogenic polypeptide of claim 33, wherein said non-self IgE domain is a CH4 domain of IgE.

40. (Amended) The immunogenic polypeptide of claim 33, wherein said non-self IgE domain is a CH2 domain of IgE, wherein said polypeptide further comprises a CH4 domain of IgE, said self IgE portion being located between said CH2 domain of IgE and said CH4 domain of IgE.

41. (Amended) An immunogenic polypeptide, comprising a self IgE domain and a non-self IgE domain, wherein said immunogenic polypeptide is effective to induce an anti-self IgE response in a mammal, and wherein said non-self IgE domain is an IgE domain present in a non-placental mammal.

45. (Amended) The immunogenic polypeptide of claim 41, wherein said non-self IgE domain is a CH2 domain of IgE.

46. (Amended) The immunogenic polypeptide of claim 41, wherein said non-self IgE domain is a CH4 domain of IgE.

47. (Amended) The immunogenic polypeptide of claim 41, wherein said non-self IgE domain is a CH2 domain of IgE, wherein said polypeptide further comprises a CH4 domain of IgE, said self IgE domain being located between said CH2 domain of IgE and said CH4 domain of IgE.

Applicant : Lars Hellman  
Serial No. : 09/401,636  
Filed : September 22, 1999  
Page : 4

Attorney's Docket No.: 10223-006001

48. (Amended) A polypeptide, comprising a self IgE domain and a non-self IgE domain, wherein said polypeptide lacks light chain Ig sequences and is effective to induce an anti-self IgE response in a mammal, wherein said self IgE domain is a CH3 domain of IgE.

50. (Amended) The polypeptide of claim 49, wherein said non-self IgE domain comprises an IgE domain present in a non-placental mammal.

52. (Amended) The polypeptide of claim 48, wherein said non-self IgE domain is a CH2 domain of IgE.

53. (Amended) The polypeptide of claim 48, wherein said non-self IgE domain is a CH4 domain of IgE.

54. (Amended) The polypeptide of claim 48, wherein said non-self IgE domain is a CH2 domain of IgE, wherein said polypeptide further comprises a CH4 domain of IgE, said self IgE domain being located between said CH2 domain of IgE and said CH4 domain of IgE.--